

silver flakes in an amount of at least 20% relative to the weight of the silver powder, wherein the photocurable organic mixture comprises an aliphatic acrylated urethane oligomer and the photocurable silver composition when illuminated with ultraviolet (UV) light cures into a silver coating.

25. (New) The silver composition recited in claim 24 wherein the aliphatic acrylated urethane oligomer is present in an amount of about 3% to 8% of the silver composition.

26. (New) The silver composition recited in claim 24 wherein the aliphatic acrylated urethane oligomer is present in an amount of about 8% of the silver composition.

27. (New) The photocurable silver composition of claim 24 wherein the photocurable organic mixture further comprises an acrylated epoxy oligomer.

28. (New) The silver composition recited in claim 27 wherein the acrylated epoxy oligomer is present in an amount of about 2% to 4% of the silver composition.

29. (New) The silver composition recited in claim 27 wherein the acrylated epoxy oligomer is present in an amount of about 3% of the silver composition.

30. (New) The photocurable silver composition of claim 27 wherein the photocurable organic mixture further comprises an isobornyl acrylate monomer.

31. (New) The silver composition recited in claim 30 wherein the isobornyl acrylate monomer is present in an amount of about 4% to 8% of the silver composition.

32. (New) The silver composition recited in claim 30 wherein the isobornyl acrylate monomer is present in an amount of about 5% of the silver composition.

33. (New) The silver composition recited in claim 30 wherein the photocurable organic mixture further comprises a flow promoting agent.

34. (New) The silver composition recited in claim 33 wherein the flow agent is present in an amount of about 0.1 % to 2 % of the silver composition.

35. (New) The silver composition recited in claim 33 wherein the flow agent is present in an amount of about 1 % of the silver composition.

36. (New) The silver composition recited in claim 24 wherein the silver powder is present in an amount of about 50 % to 60 % of the silver composition.

37. (New) A silver composition as recited in claim 24 wherein the silver powder is present in an amount of about 52 % of the silver composition.

38. (New) The silver composition recited in claim 24 wherein the silver flakes are present in an amount of about 25 % to 35 % of the silver composition.

39. (New) The silver composition recited in claim 24 wherein the silver flakes is present in an amount of about 5 % of the silver composition.

40. (New) The silver composition recited in claim 24 wherein the photoinitiator is present in an amount of about 3 % to 6 % of the silver composition.

41. (New) The silver composition recited in claim 24 wherein the photoinitiator is present in an amount of about 5 % of the silver composition.

---